<u>IN THE CLAIMS:</u>

Please CANCEL claims 1-19 without prejudice to or disclaimer of the recited subject matter.

Please ADD new claims 20-51, as follows. For the Examiner's convenience, all claims currently presented are reproduced below.

1-19. (Canceled)

20. (New) A printing system in which an image sensing apparatus and a printing apparatus directly communicate with each other, and said printing apparatus prints an image transmitted from the image sensing apparatus,

wherein said image sensing apparatus comprises:

a first reception unit configured to receive the function information of the printing apparatus from the printing apparatus;

a generation unit configured to generate, in accordance with the function information received by said reception unit, a data file, which is independent of an image file, describing data for image correction; and

a first transmission unit configured to transmit an image file and the data file to said printing apparatus;

said printing apparatus comprises:

a second transmission unit configured to transmit function information of said printing apparatus from said printing apparatus to said image sensing apparatus;

a second reception unit configured to receive the image file and the data file transmitted by said first transmission unit;

a correction unit configured to correct image data of the image file received by said first reception unit on the basis of the data file; and

a printing unit configured to print an image in accordance with the image data corrected by said correction unit,

wherein the data file is transmitted from said image sensing apparatus to said printing apparatus before the image file is transmitted from said image sensing apparatus to said printing apparatus.

21. (New) The system according to claim 20, wherein said image sensing apparatus further comprises an extraction unit configured to analyze a sensed image and extract a feature amount from the sensed image,

wherein said generation unit generates the data file describing the feature amount extracted by said extraction unit.

22. (New) The system according to claim 21, wherein said image sensing apparatus further comprises a designation unit configured to designate an image to be transmitted to said printing apparatus,

wherein said extraction unit extracts the feature amount from the image designated by said designation unit.

23. (New) The system according to claim 21, wherein said extraction unit generates a histogram of brightness, saturation, or hue as the feature amount.

24. (New) The system according to claim 20, wherein said printing apparatus determines a parameter for correction in accordance with the data file and corrects the received image using the determined parameter.

25. (New) An image sensing apparatus which can communicate with a printing apparatus, said image sensing apparatus comprising:

a reception unit configured to receive the function information of the printing apparatus from the printing apparatus;

a generation unit configured to generate, in accordance with the function information received by said reception unit, a data file, which is independent of an image file, describing data for image correction; and

a transmission unit configured to transmit an image file and the data file to said printing apparatus,

wherein the data file is transmitted from said image sensing apparatus to said printing apparatus before the image file is transmitted from said image sensing apparatus to said printing apparatus.

26. (New) The image sensing apparatus according to claim 25, further comprising a designation unit configured to designate an image to be transmitted to said printing apparatus,

wherein said transmission unit transmits the data file to said printing apparatus before the image designated by said designation unit is transmitted to said printing apparatus.

27. (New) The image sensing apparatus according to claim 25, further comprising an extraction unit configured to analyzing an image and extract feature amount of the image,

wherein said generation unit generates the data file describing the feature amount extracted by said extraction unit.

28. (New) The image sensing apparatus according to claim 27, further comprising a designation unit configured to designate an image to be transmitted to said printing apparatus,

wherein said extraction unit extracts the feature amount from the image designated by said designation unit.

29. (New) The system according to claim 27, wherein said extraction unit generates a histogram of brightness, saturation, or hue as the feature amount.

30. (New) A printing apparatus which can communicate with an image sensing apparatus and print an image received from the image sensing apparatus, said printing apparatus comprising:

a transmission unit configured to transmit function information of said printing apparatus from said printing apparatus to the image sensing apparatus;

a reception unit configured to receive an image file and a data file independently from the image sensing apparatus, where the data file has been generated by the image sensing apparatus in response to the transmission of the function;

a correction unit configured to correct image data of the image file received by said reception unit on the basis of the data file received by said reception unit; and

a printing unit configured to print an image in accordance with the image data corrected by said correction unit,

wherein the data file is transmitted from the image sensing apparatus to said printing apparatus before the image file is transmitted from the image sensing apparatus to said printing apparatus.

31. (New) The printing apparatus according to claim 30, wherein said correction unit determines a parameter for correction in accordance with the data file and corrects the received image using the determined parameter.

32. (New) The printing apparatus according to claim 30, further comprising:

a print instruction reception unit configured to receive a print instruction information describing file names of an image file and a data file used for correcting an image of the image file;

a request unit configured to request the image sensing apparatus to transmit a file to said printing apparatus,

wherein, in said request unit, the image sensing apparatus transmits the data file before requesting an image file.

33. (New) The printing apparatus according to claim 30, wherein the data file describes the result of analysis of the image file.

34. (New) The printing apparatus according to claim 33, wherein the data file describes a histogram of brightness, saturation, or hue of an image of the image file.

35. (New) A method of controlling an image sensing apparatus and a printing apparatus which directly communicate with each other, and said printing apparatus prints an image transmitted from the image sensing apparatus, comprising:

a first reception step of receiving function information of the printing apparatus from the printing apparatus;

a generation step of generating, in accordance with the function information received by said reception step, a data file, which is independent of an image file, describing data for image correction; and

a first transmission step of transmitting an image file and the data file to said printing apparatus;

a second transmission step of transmitting function information of said printing apparatus from said printing apparatus to said image sensing apparatus;

a second reception step of receiving the image file and the data file transmitted by said first transmission step;

a correction step of correcting image data of the image file received by said first reception step on the basis of the data file; and

a printing step of printing an image in accordance with the image data corrected by said correction step,

wherein the data file is transmitted from said image sensing apparatus to said printing apparatus before the image file is transmitted from said image sensing apparatus to said printing apparatus.

36. (New) The method according to claim 35, wherein said image sensing apparatus further comprises an extraction step of analyzing a sensed image and extracting a feature amount from the sensed image,

wherein said generation step generates the data file describing the feature amount extracted by said extraction step.

37. (New) The method according to claim 36, wherein said image sensing apparatus further comprises a designation step of designating an image to be transmitted to said printing apparatus,

wherein said extraction unit extracts the feature amount from the image designated by said designation unit.

38. (New) The method according to claim 36, wherein said extraction step generates a histogram of brightness, saturation, or hue as the feature amount.

39. (New) The method according to claim 35, wherein the correction step determines a parameter in accordance with the data file and corrects the received image using the determined parameter.

40. (New) A method whereby an image sensing apparatus communicates with a printing apparatus, comprising:

a reception step of receiving function information of the printing apparatus from the printing apparatus;

a generation step of generating, in accordance with function information received by said reception step, a data file, which is independent of an image file, describing data for image correction; and

a transmission step of transmitting an image file and a data file to said printing apparatus,

wherein the data file is transmitted from said image sensing apparatus to said printing apparatus before the image file is transmitted from said image sensing apparatus to said printing apparatus.

41. (New) The image sensing method according to claim 40, further comprising a designation step of designating an image to be transmitted to said printing apparatus,

wherein said transmission step transmits the data file to said printing apparatus before the image designated by said designation step is transmitted to said printing apparatus.

42. (New) The image sensing method according to claim 40, further comprising an extraction step of analyzing an image and extracting feature amount of the image,

wherein said generation step generates the data file describing the feature amount extracted by said extraction step.

43. (New) The image sensing method according to claim 42, further comprising a designation step of designating an image to be transmitted to said printing apparatus,

wherein said extraction step extracts the feature amount from the image designated by said designation step.

44. (New) The method according to claim 42, wherein said extraction step generates a histogram of brightness, saturation, or hue as the feature amount.

45. (New) A printing method which communicates with an image sensing apparatus and prints an image received from an image sensing apparatus, comprising:

a transmission step of transmitting function information of said printing apparatus from said printing apparatus to the image sensing apparatus;

a reception step of receiving an image file and a data file independently from the image sensing apparatus, where the data file has been generated by the image sensing apparatus in response to a transmission of the function information;

a correction step of correcting image data of the image file received by said reception step on the basis of the data file received by said reception step; and

a printing step of printing an image in accordance with the image data corrected by said correction unit,

wherein the data file is transmitted from the image sensing apparatus to said printing apparatus before the image file is transmitted from the image sensing apparatus to said printing apparatus.

46. (New) The printing method according to claim 45, wherein said correction step determines a parameter for correction in accordance with the data file and corrects the received image using the determined parameter.

47. (New) The printing method according to claim 45, further comprising:

a print instruction reception step of receiving a print instruction information describing file names of an image file and a data file used for correcting an image of the image file;

a request step of requesting said image sensing apparatus to transmit a file to said printing apparatus,

wherein, in said request step, the image sensing apparatus transmits the data file before requesting an image file.

48. (New) The printing method according to claim 45, wherein the data file describes the result of analysis of the image file.

49. (New) The printing method according to claim 48, wherein the data file describes a histogram of brightness, saturation, or hue of an image of the image file.

50. (New) A storage medium readable by an image sensing apparatus and storing a program communicating with a printing apparatus, for implementing a method, comprising:

a reception step of receiving function information of the printing apparatus from the printing apparatus;

a generation step of generating, in accordance with function information received by said reception step, a data file, which is independent of an image file, describing data for image correction; and

a transmission step of transmitting an image file and a data file to said printing apparatus,

wherein the data file is transmitted from said image sensing apparatus to said printing apparatus before the image file is transmitted from said image sensing apparatus to said printing apparatus.

51. (New) A storage medium readable by a printing apparatus and storing a program for communicating with an image sensing apparatus and print an image received from the image sensing apparatus, for implementing a method, comprising:

a transmission step of transmitting function information of said printing apparatus from said printing apparatus to the image sensing apparatus;

a reception step of receiving an image file and a data file independently from the image sensing apparatus, where the data file has been generated by the image sensing apparatus in response to a transmission of the function information;

a correction step of correcting image data of the image file received by said reception step on the basis of the data file received by said reception step; and

a printing step of printing an image in accordance with the image data corrected by said correction step,

wherein the data file is transmitted from the image sensing apparatus to said printing apparatus before the image file is transmitted from the image sensing apparatus to said printing apparatus.